

GAURAV VINOD BHAMBHANI

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EDUCATION:

B.Tech. in Computer Science and Engineering | Nirma University

Aug 2018 – Present

Overall Grade: 7.57/10.0

Coursework – ML, AI, DBMS, NLP, DSA, SE, OS, Information Retrieval Systems, Big Data, Principles of Management, Financial Management, Econometrics.

Higher Secondary School | Our Own High School, Al Warqa, Dubai

Mar 2017-Mar 2018

Overall Percentage: 72%

INTERNSHIPS:

SDE and Product Analyst | Quicko Infosoft

Jan 2022 – Present

- Worked with Business Development department and pitched to companies like Amazon, Flipkart, PhonePe, etc.
- Interacted with Stake Holders, understood customer requirements and gaps in our product; Collaborated with developers and filled those gaps.
- Constructed the Official Support Page from scratch using Figma for UI/UX Design and coding the webpage on Zendesk.

Software Development Lead | Uppskale

Apr 2020 – Jun 2020

- Fostered a team of 12 developers and launched the website, built a Chat-bot, Mass-mailer, and a Resume scanner.
- Using technologies and languages like MongoDB, Python, HTML, JS, CSS and more.

Web Developer | LAARI

Mar 2020 – Jun 2020

- Designed and built the website using technologies like MySQL, HTML, CSS, JavaScript.

PROJECTS:

Roll A Ball Game | Unity, C#

- A game where the player can control a ball in a 3D world and collect coins.

Spin-Dare Mobile Game | Flutter, Dart

- A mobile game where the player can rotate a wheel and do a dare from the given categories.

Indian Space Research Organisation -Funded Project | User Interface Development

May 2021 – Jul 2021

- Coordinated with Head of Department, Faculty members and developed the user interface for 'Crop Detection and Crop Area Calculation from Satellite Images' using Python.
- Integrated the Machine Learning codebase in the backend, and reconfigured the database accordingly.

Covid-19 Tracker application | Django

Sep 2021 – Nov 2021

- The application provides accurate day to day Covid statistics of all the countries, achieved using Rapid API.
- All-rounder application with features to see the resources available, page for reading the posts and has multiple user authentication and authorization.

IoT-Based Real Estate Management Application with Air Quality Monitoring | Flutter, ThingSpeak, ESP8266, DHT11

- A real estate based mobile application that shows the air quality of a neighborhood.
- Used DHT11 for demonstration purposes with database configured using ThingSpeak.

Personal Expenses Tracker | Flutter, Dart, Firebase

- An application that helps users keep track of their daily expenses, with dynamic graphical representations.

RESEARCH AND ACHIEVEMENTS:

Sentiment Analysis on Twitter Data | Research Paper (Lead-Author)

Aug 2020 – Feb 2021

- Performed sentiment analysis on Twitter Dataset of about 16000 entries using Support Vector Machines.
- Presented the research paper in the National Conference of Advancement in Communication Electronics Computers and Automation Technology.

Nirma University-Funded Project | Deep Learning Model Development

Jun 2021 – Aug 2021

- Coordinated with faculty members of Nirma University and developed a Deep Learning model using Keras applications to detect primary level of depression in people.
- Used a database of about 20,000 images which included images taken by us from a local hospital.

Google Cloud Ready Certification | Google Cloud, Qwiklabs

- Achieved certification by performing tasks and giving tests on Qwiklabs Platform.

COMPETENCIES:

Programming Languages:

Java, Python, C, C++, Arduino

Game Development:

C#, Unity

Web Development:

HTML, CSS, JavaScript, Django

App Development:

Flutter, Dart, Kivy, Tkinter

Databases and Cloud:

MySQL, MongoDB, Cassandra, AWS, Google Cloud, ThingSpeak

Soft Skills:

Managerial and organizing skills, Public speaking, Leadership, Team player, Adaptability to changes

INTERESTS:

- **Technical** – Virtual Reality, Augmented Reality, Application Development, Web Development, IoT.
- **Non-Technical** – Music Production, DJing, Guitar, Basketball.